

WILLIAM MEJIA

Santa Ana, CA

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EDUCATION

Georgia Institute of Technology
Master of Science - Computer Science

September 2025 – June 2027
Atlanta, GA

University of California Irvine
Bachelor of Science - Computer Science
GPA: 3.563

September 2020 – June 2023
Irvine, CA

Courses: Software Design & Documentation, Data Structures & Algorithms, Computer Architecture, Operating Systems, Principles in System Design, Database Management System

EXPERIENCE

Microsoft (contractor)
Cloud Engineer

February 2024 – September 2024
Bellevue, WA

- Contracted via LTIMindtree to support Azure: Application Gateway, WAF, Front Door, DNS, PE/PLE.
- Managed a cohort of 9 support engineers, reducing downtime by 30% and improving service performance by 20%.
- Enhanced issue resolution, reducing resolution time by 25% and boosting customer satisfaction by 15%.

Westlake Financial Services
Software Engineer Intern

August 2023 – November 2023
Los Angeles, CA

- Cut costs by 5x by automating pre-30 overdue customer outreach with Acqueon and Cisco.
- Integrated Cisco's VVB and CVP with real-time speech-to-text, ensuring intuitive IVR flows.
- Improved compliance and streamlined customer eligibility with a pre-call API.
- Optimized P2P audio transfers with WebSocket and WebRTC, improving segmentation and server efficiency.

GameIn
Software Engineer

January 2022 – June 2023
Remote

- Led AWS development for search, negotiation, messaging, and deals, managing a team of 4.
- Refined API handling with AWS Lambda, reducing response times by 30%.
- Developed user authentication, account creation, and federated sign-in with AWS Cognito.
- Integrated AWS RDS with frontend via AWS AppSync, following Agile practices.

UCI ICS
Tutor

January 2022 – June 2023
Irvine, CA

- Fostered personalized connections with 90+ students, nurturing unique skill growth.
- Consistently received 5-star feedback from over 60 students.

PROJECTS

Fabflix | MVC, Java (Servlet), Javascript, CSS, HTML, SQL, Android, Tomcat, AWS, GCP

June 2023

- Created an intuitive e-commerce movie website with user-centered design and personalized features, boosting user engagement by 40%.
- Improved mobile app communication efficiency by 25% through optimized HTTP requests, reducing response times.
- Strengthened platform security with HTTPS and reCAPTCHA integration; achieved a 50% reduction in spam submissions and increased user trust by 35%.
- Engineered a robust system using master/slave replication, load balancing, and connection pooling; increased application scalability by 50% and handled 200% more concurrent user requests without latency issues.

Search Engine | Python, Web Crawler, Indexer, Database, Interface

May 2022

- Designed a high-performance search engine capable of handling tens of thousands of documents or web pages.
- Integrated SimHash algorithm, significantly improving search precision and preventing duplicate pages, leading to a 30% reduction in indexing errors and enhancing user experience.
- Set up a local cache server for UCI ICS, facilitating efficient crawling of over 38,000 links within the ics.uci.edu domain.

TECHNICAL SKILLS

Languages & Frameworks: Python, C, C++, Java, JavaScript, MIPS assembly, SQL, Node.js, React.js

Technologies/Frameworks: Git, JUnit, Linux, Agile, Distributed Systems, Test-Driven Development, Object Oriented Design, Jira, AWS, Azure, Google GCP